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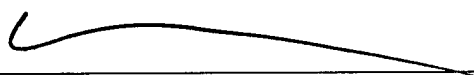
REMARKS

The amendments to the claims made herein are to improve clarity, to correct minor grammatical errors and to place the application in better form for examination. Claims 45-61 have been added. No new matter is added.

Attached is a marked-up version of the changes being made by the current amendment.

Applicant asks that all claims be examined. Enclosed is a $474.00 check for excess claim fees. Please apply any other charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: 12/11/2002

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Version with markings to show changes made

<u>In the claims</u>:

Claims 1-5, 7-20, 22-25, 27-34, 36-39, 41, and 43-44 have been amended as follows:

1.   A method for making electronic information more readily available to [an] <u>one or more first</u> access [requestor] <u>requestors</u> based on an anticipated demand for the electronic information, the method comprising:

anticipating [future requests] <u>a future request by at least one of the first access requestors</u> for access to selected electronic information that is stored on a first storage medium<u>, the future request being anticipated based at least on information that is not particular to any single first access requestor</u>;

accessing the selected electronic information stored on the first storage medium;

duplicating the selected electronic information on a second storage medium that is more accessible to [an] <u>the first</u> access [requestor] <u>requestors</u> than the first storage medium; and

providing the <u>first</u> access [requestor] <u>requestors</u> with access to the selected electronic information from the second storage medium.

2.   The method of claim 1, further comprising:

determining whether the selected electronic information is accessible to the <u>one or more first</u> access [requestor] <u>requestors</u> from the second storage medium,

wherein the <u>first</u> access [requestor is] <u>requestors are</u> provided with access to the selected electronic information from the first storage medium only if the selected electronic information is not accessible to the <u>first</u> access [requestor] <u>requestors</u> from the second storage medium.

3.   The method of claim 1 wherein the second storage medium is more geographically proximate to the <u>one or more first</u> access [requestor] <u>requestors</u> than the first storage medium such that the duplicating includes duplicating the selected electronic information on a medium

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that is more geographically proximate to the <u>first</u> access [requestor] <u>requestors</u> than the first storage medium.

4. The method of claim 1 wherein the second storage medium is more electronically proximate to the <u>one or more first</u> access [requestor] <u>requestors</u> than the first storage medium such that the duplicating includes duplicating the selected electronic information on a medium that is more electronically proximate to the <u>first</u> access [requestor] <u>requestors</u> than the first storage medium.

5. The method of claim 1 wherein the second storage medium provides faster completion of an access request than the first storage medium such that the providing includes providing faster access to the selected electronic information by the <u>one or more first</u> access [requestor] <u>requestors</u>.

7. The method [in] <u>of</u> claim 1 wherein the anticipating includes anticipating <u>the</u> future [requests] <u>request</u> for access to the selected electronic information based on past requests for access to the same or related electronic information by more than one [access requestor.] <u>second access requestor, who may or may not be different than the one or more first access requestors.</u>

8. The method [in] <u>of</u> claim 1 wherein the anticipating includes anticipating <u>the</u> future [requests] <u>request</u> for access to the selected electronic information based on past requests for access to non-related electronic information by more than one [access requestor.] <u>second access requestor, who may or may not be different than the one or more first access requestors.</u>

9. The method [in] <u>of</u> claim 1 wherein the anticipating includes anticipating <u>the</u> future [requests] <u>request</u> for access to the selected electronic information based on past requests for access to related non-electronic information by more than one [access requestor.] <u>second access requestor, who may or may not be different than the one or more first access requestors.</u>

10.   The method [in] of claim 1 wherein the anticipating includes anticipating the future [requests] request for access to the selected electronic information based on past requests for access to non-related non-electronic information by more than one [access requestor.] second access requestor, who may or may not be different than the one or more first access requestors.

11.   The method [in] of claim 1 wherein anticipating the future [requests] request for access to the selected electronic information includes measuring a number of requests for the selected electronic information for which access is requested, and comparing the number of requests to a threshold.

12.   The method [in] of claim 1 wherein anticipating the future [requests] request for access to electronic information includes measuring a frequency of requests for access to the selected electronic information.

13.   The method [in] of claim 12 wherein anticipating the future [requests] request for access to the selected electronic information further comprises:
        determining [the] a file size of the selected electronic information;
        assigning a cache value to the selected electronic information based on the file size and the frequency of requests for the selected electronic information; and
        anticipating future requests for access to the selected electronic information based on the cache value of the selected electronic information.

14.   The method [in] of claim 1 wherein the future [requests] request for the selected electronic information [are] is anticipated based on criteria unrelated to past access requests.

15.   The method [in] of claim 1 wherein anticipating the future [requests] request for access to the selected electronic information is performed before an access request is made by the one or more first access requestors.

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16.   A system for making electronic information more readily available to [an] <u>one or more</u> <u>first</u> access [requestor] <u>requestors</u> based on anticipated demand for the electronic information, the system comprising:

an anticipating software module that anticipates [future requests] <u>a future request by at</u> <u>least one of the first access requestors</u> for access to selected electronic information that is stored on a first storage medium<u>, the future request being anticipated based at least on information that</u> <u>is not particular to any single first access requestor</u>;

an electronic information reader that accesses the selected electronic information from within electronic information stored on the first storage medium;

an electronic information copier that duplicates the selected electronic information on a second storage medium that is more accessible to [an] <u>the first</u> access [requestor] <u>requestors</u> than the first storage medium; and

an access providing software module that provides the <u>first</u> access [requestor] <u>requestors</u> with access to the selected electronic information from the second storage medium.

17.   The system of claim 16, further comprising:

<u>an accessibility determination software module that</u> determines whether the selected electronic information is accessible to the <u>one or more first</u> access [requestor] <u>requestors</u> from the second storage medium,

wherein the selected information on the first storage medium is accessed by the electronic information reader and duplicated by the electronic information copier only if the selected electronic information is not accessible to the <u>first</u> access [requestor] <u>requestors</u> from the second storage medium.

18.   The system of claim 16 wherein the second storage medium is more geographically proximate to the <u>one or more first</u> access [requestor] <u>requestors</u> than the first storage medium.

19.   The system of claim 16 wherein the second storage medium is more electronically proximate to the <u>one or more first</u> access [requestor] <u>requestors</u> than the first storage medium.

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20.   The system of claim 16 wherein the second storage medium enables faster access request completion by the <u>one or more first</u> access [requestor] <u>requestors</u> than the first storage medium.

22.   The system of claim 16 wherein the anticipating module is structured and arranged for anticipating <u>the</u> future [requests] <u>request</u> for access to the selected electronic information based on past requests for access to the same or related electronic information by more than one [access requestor.] <u>second access requestor, who may or may not be different than the one or more first access requestors.</u>

23.   The system of claim 16 wherein the anticipating module is structured and arranged for anticipating <u>the</u> future [requests] <u>request</u> for access to the selected electronic information based on past requests for access to non-related electronic information by more than one [access requestor.] <u>second access requestor, who may or may not be different than the one or more first access requestors.</u>

24.   The system of claim 16 wherein the anticipating module is structured and arranged for anticipating <u>the</u> future [requests] <u>request</u> for access to the selected electronic information based on past requests for access to related non-electronic information by more than one [access requestor.] <u>second access requestor, who may or may not be different than the one or more first access requestors.</u>

25.   The system of claim 16 wherein the anticipating module is structured and arranged for anticipating <u>the</u> future [requests] <u>request</u> for access to the selected electronic information based on past requests for access to non-related non-electronic information by more than one [access requestor.] <u>second access requestor, who may or may not be different than the one or more first access requestors.</u>

27.   The system of claim 26 wherein the anticipating module includes:
a determining module that determines [the] <u>a</u> file size of the selected electronic information;

an assigning module that assigns a cache value to the selected electronic information based on the file size and the frequency of requests for the selected electronic information; and

an anticipating module that anticipates the future [requests] request for access to the selected electronic information based on the cache value of the selected electronic information.

28.   The system of claim 16 wherein the anticipating module is structured and arranged such that the future [requests] request for the selected electronic information [are] is anticipated based on criteria unrelated to past access requests.

29.   The system of claim 16 wherein the [anticipated] future [requests] request for the selected electronic information [are performed] is anticipated before an access request is made by the one or more first access requestors.

30.   A computer readable medium having embodied thereon a computer program for processing by a computer, the computer program comprising:

a first code segment for anticipating [future requests] a future request by at least one or more first access requestors for access to selected electronic information that is stored on a first storage medium, the future request being anticipated based at least on information that is not particular to any single first access requestor;

a second code segment for accessing the selected electronic information from within electronic information stored on the first storage medium;

a third code segment for duplicating the selected electronic information on a second storage medium that is more accessible to [an] the first access [requestor] requestors than the first storage medium; and

a fourth code segment for providing the first access [requestor] requestors with access to the selected electronic information from the second storage medium.

31.   The computer readable medium of claim 30, further comprising:

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a determining code segment for determining whether the selected electronic information is accessible to the <u>one or more first</u> access [requestor] <u>requestors</u> from the second storage medium,

wherein the selected electronic information on the first storage medium is accessed by the second code segment and duplicated by the third code segment only if the selected electronic information is not accessible to the <u>first</u> access [requestor] <u>requestors</u> from the second storage medium.

32. The computer program of claim 30 wherein the second storage medium is more geographically proximate to the <u>one or more first</u> access [requestor] <u>requestors</u> than the first storage medium.

33. The computer program of claim 30 wherein the second storage medium is more electronically proximate to the <u>one or more first</u> access [requestor] <u>requestors</u> than the first storage medium.

34. The computer program of claim 30 wherein the second storage medium enables faster access request completion by the <u>one or more first</u> access [requestor] <u>requestors</u> than the first storage medium.

36. The computer program of claim 30 wherein the first code segment is structured and arranged for anticipating <u>the</u> future [requests] <u>request</u> for access to the selected electronic information based on past requests for access to the same or related electronic information by more than one [access requestor.] <u>second access requestor, who may or may not be different than the one or more first access requestors.</u>

37. The computer program of claim 30 wherein the first code segment is structured and arranged for anticipating <u>the</u> future [requests] <u>request</u> for access to the selected electronic information based on past requests for access to non-related electronic information by more than

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one [access requestor.] second access requestor, who may or may not be different than the one or more first access requestors.

38.   The computer program of claim 30 wherein the first code segment is structured and arranged for anticipating the future [requests] request for access to the selected electronic information based on past requests for access to related non-electronic information by more than one [access requestor.] second access requestor, who may or may not be different than the one or more first access requestors.

39.   The computer program of claim 30 wherein the first code segment is structured and arranged for anticipating the future [requests] request for access to the selected electronic information based on past requests for access to non-related non-electronic information by more than one [access requestor.] second access requestor, who may or may not be different than the one or more first access requestors.

41.   The computer program of claim 40 wherein the first code segment further comprises:

    a determining code segment that determines [the] a file size of the selected electronic information;

    an assigning code segment that assigns a cache value to the selected electronic information based on the file size and the frequency of requests for the selected electronic information; and

    an anticipating code segment that anticipates the future [requests] request for access to the selected electronic information based on the cache value of the selected electronic information.

43.   The computer program of claim 30 wherein anticipating the future [requests] request for the selected electronic information is based on criteria unrelated to past access requests.

44.   The computer program of claim 30 wherein [the] anticipating the future request is performed before an access request is made by the one or more first access requestors.

Claims 45-61 have been added.

In the abstract:

Electronic information is made more readily available to [an] <u>one or more</u> access [requestor] <u>requestors</u> based on an anticipated demand for the electronic information using a process, system or computer software. For instance, [future requests] <u>a future request of the access requestors</u> for access to selected electronic information that is stored on a source storage medium [are anticipated based on various criteria. Selected] <u>is anticipated. The future request is anticipated based at least on information that is not particular to any single first access requestor.</u> <u>The selected</u> electronic information from within the source storage medium is accessed and duplicated on a destination storage medium that is more accessible to [an] <u>the</u> access [requestor] <u>requestors</u> than the source storage medium. The access [requestor is] <u>requestors are</u> thereafter provided with access to the selected electronic information that has been duplicated on the destination storage medium.